

9/87

HOLMAN &amp; STERN, CHARTERED

Sheet

of

1 of 5 2

FORM PTO-1449  
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

SERIAL NO.

INFORMATION DISCLOSURE CITATIONS  
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50227

07/110,791

APPLICANT

C. Richter King, et al.

FILING DATE

October 21, 1987

GROUP

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AA					
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## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL							
	AM							
	AN							
	AO							
	AP							

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AM	AR	Land et al., Science 222:771-778, 1983.
AM	AS	Cohen, et al., J. Biol. Chem 255:4834-4842, 1980.
AM	AT	Nishimura, et al. Proc. Natl. Acad. Sci. USA 79:4303-4307, 1982

EXAMINER

Adam Marschel

DATE CONSIDERED

7-5-89

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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AM	AR	Kasuga et al. <u>Nature</u> 298:667-669, 1982
AM	AS	Rubin, et al. <u>Nature</u> 305:438-440, 1983
AM	AT	Yamamoto, et al. <u>Cell</u> 35:71-78, 1983

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	AL							
	AM							
	AN							
	AO							
	AP							

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AM	AR	de Klein, et al., Nature 300:765, 1982
AM	AS	Collins, et al. Proc. Natl. Acad. Sci. USA 80:4813, 1983.
AM	AT	Liberman, et al., Nature 313:144, 1985

EXAMINER

Arden Marschel

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	AL							
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	AO							
	AP							

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AM	AR	Lin, et al. <u>Science</u> 224:843, 1984
AM	AS	Rigby, et al., <u>J. Mol. Biol.</u> 113:237, 1977.
AM	AT	Wahl, et al. <u>Proc. Natl. Acad. Sci USA</u> 76:3686, 1979

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AM	AR	Downward, et al. Nature 307:521-527, 1984
AM	AS	Ullrich, et al., Nature 309:418-425, 1984.
AM	AT	Doolittle, et al. Science 221:275-277, 1983

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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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ATTY. DOCKET NO.

81877/ E-555-85

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GROUP ART UNIT

187

APPLICANT (inventor(s))

KING et al.

EXAMINER

MARSCHER, A.

APPLN. NO.

07 / 110,791

FILING DATE

October 21, 1987

## U.S. PATENT DOCUMENTS

*Examiner's Initials	Document Number	Date Mo/Yr	Name (Family Name of First Inventor)	Class	Subclass	Filing Date If Appropriate
AR						
BR						
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## FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS										Translation					
		Document Number						Date Mo/Yr	Country	English Abstract		Class	Subclass	Readily Available	
										Enclosed	No			Enclosed	No
	NR														
	OR														
	PR														
	QR														
	RR														
	SR														

OTHER DOCUMENTS (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, Etc.)

AM	TR	King et al., Amplification of a Novel v-erbB-Related Gene in a Human Mammary Carcinoma, <u>Science</u> , (1985) 229:974-976.
AM	UR	Kraus et al., Overexpression of the EGF Receptor-Related Proto-Oncogene erbB-2 in Human Mammary Tumor Cell Lines... <u>The EMBO Journal</u> , (1987) 6:605-610.
AM	VR	Di Foire et al., erbB-2 Is A Potent Oncogene When Overexpressed in NIH/3T3 Cells, <u>Science</u> , (1987) 237:178-182.

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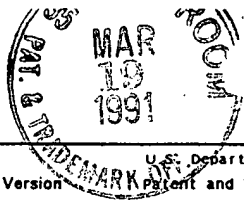
A. Marshel

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CDC-1449 2/90(PC)

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Patent and Trademark OfficeATTY. DOCKET NO.  
81877 E-555-85  
# / Client Ref.GROUP ART UNIT  
187**INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT**  
(Use several sheets if necessary)APPLICANT (inventor(s))  
WING et al.EXAMINER  
MARSCHEL, A.APPLN. NO.  
0 7/ 110,791FILING DATE  
October 21, 1987**U.S. PATENT DOCUMENTS**

*Examiner's Initials	Document Number	Date Mo/Yr	Name (Family Name of First Inventor)	Class	Subclass	Filing Date If Appropriate
	AR					
	BR					
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**FOREIGN PATENT DOCUMENTS**

	Document Number	Date Mo/Yr	Country	English Abstract		Class	Subclass	Translation Readily Available	
				Enclosed	No			Enclosed	No
	NR								
	OR								
	PR								
	QR								
	RR								
	SR								

**OTHER DOCUMENTS** (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, Etc.)

DM	TR	Lacroix et al., Overexpression of erbB-2 or EGF Receptor Proteins Present In Early Stage Mammary ... <u>Oncogene</u> , (1989) 4:145-151.
AM	UR	Slamon et al., Human Breast Cancer: Correlation of Relapse and Survival with ..., <u>Science</u> , (1987), 235:177-182.
	VR	

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